

Reference 6

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **01151031 A**(43) Date of publication of application: **13.08.89**

(51) Int. Cl.

G11B 7/24**G11B 11/10**(21) Application number: **82311440**(71) Applicant: **NEC HOME ELECTRON LTD**(22) Date of filing: **09.12.87**(72) Inventor: **KAWASAKI YORUJI**(54) **OPTICAL DISK**

COPYRIGHT: (C)1989,JPO&Japlo

(57) Abstract:

PURPOSE: To form slits or reflecting parts for an encoder to an arbitrary place of an optical disk at a low cost by forming the slits or reflecting parts for the optical encoder by printing on the surface.

CONSTITUTION: A chucking hole 2 is bored to the central part of the optical disk 1 and a non-recording zone 3 where data such as music is not recorded is formed around the hole 2. The music, etc., are recorded in the recording part on the outside of this non-recording zone 3. On the other hand, the slits 5 for the encoder are formed by printing in the circumferential part of a label 4 which consists of transparent polyester, etc., and has a disk shape. For example, the parts where light is not to be transmitted are printed solid black and the parts where light is transmitted are held transparent. These transparent parts play the role of the slits. The slits for the optical encoder is obtd. at the low cost by sticking such label 4 flatly to a recording body 3 by a proper adhesive agent.

